

Work Order ID 71714

Thursday, July 07, 2011 1:00:25 PM

Page 1

Item ID: D3019-1

Revision ID:

Item Name: Seat Cushion

Start Date: 7/7/2011

Start Qty: 4.00

Required Date: 7/21/2011

Req'd Qty: 4.00

Reference:

Approvals:

Process Plan: CLDate: 11/07/07

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D3019

B

100



Purchasing

Purchasing

PURCHASING

0.00

Memo

0.00

Issue P/O:

14454

Possible supplier: Chestnut Ridge Airflex fire-resistant aircraft cushioning

Order: Grade 30-40 (colour green), Density 2.6lb/ft³

Material must meet FAR 27.853(a) or 25.853(a), Part is symmetric about centerline

CL 11/07/11(4)

110



Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

0.00

Memo

0.00

Ensure Material Release Note is attached

Rec'd 7/22 (1)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 71714

Thursday, July 07, 2011 1:00:25 PM



Page 2

Item ID: D3019-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Seat Cushion

Start Date: 7/7/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 7/21/2011 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

130

Identify as per dwg & Stock Location: 4202

0.00



Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

5 mos 102

40

11/8/12 11 1/2

OK 11/08/03

11/11-08/12 11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, July 07, 2011 1:00:22 PM

Page 1

Work Order ID: 71714



Parent Item: D3019-1



Parent Item Name: Seat Cushion

Start Date: 7/7/2011

Required Date: 7/21/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP: B01.06.07 ☐ Removed acid etch & alodine ☐ EC/SM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3019-1P

Purchased

No

110

Each

0.0000

1

4



Back cushion

Rec'd 7/22 *U*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

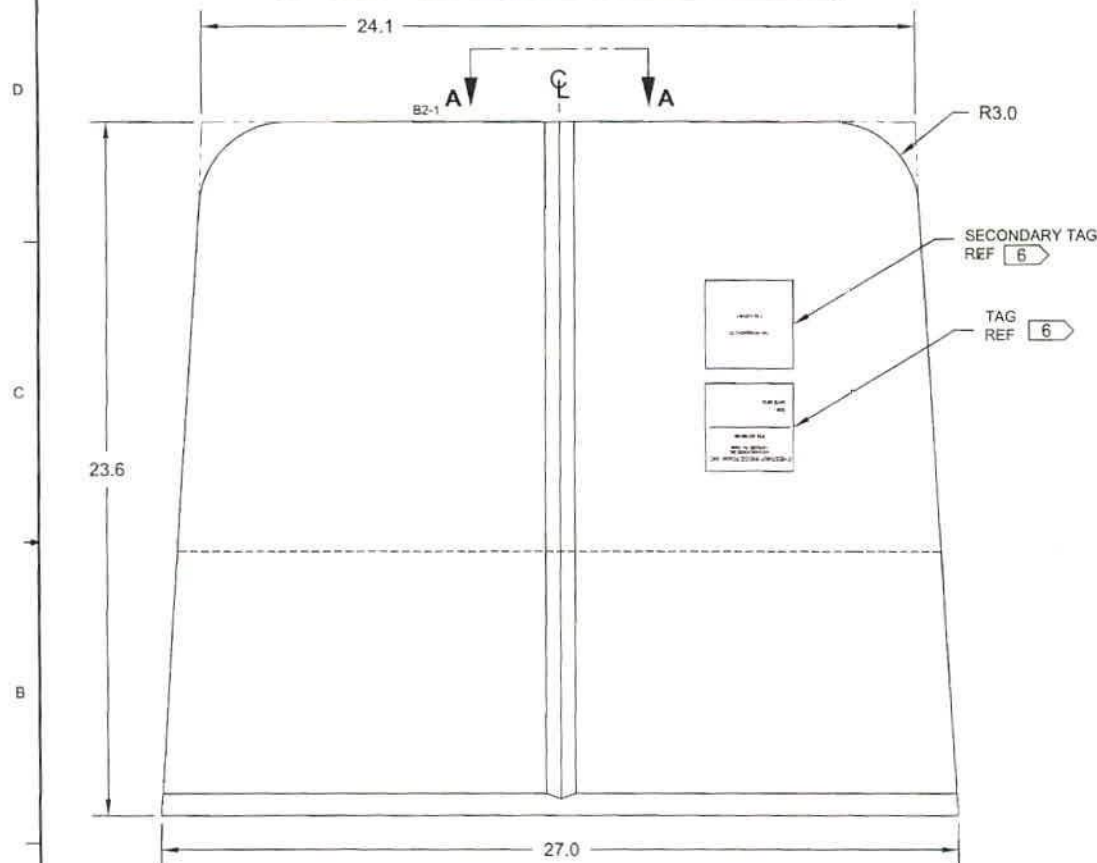
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING



D3019-1 BACK CUSHION

NOTES:

- 1) MATERIAL: MUST MEET FAR 27.853(a) OR 25.853(a)
AIRFLEX FIRE-RESISTANT AIRCRAFT CUSHIONING
GRADE 30-40 (COLOUR GREEN)
DENSITY 2.6 lb/ft³
- 2) FINISH: NONE
- 3) TOLERANCES: PER TABLE 1
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A

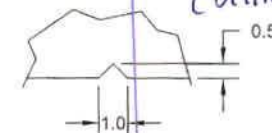
- 6) IDENTIFICATION: TAG(S), BURNED, TO SHOW THE FOLLOWING AT MINIMUM:

CHESTNUT RIDGE FOAM, INC.
443 WAREHOUSE DR.
LATROBE, PA 15650
SO#
DATE MFD:
DART AEROSPACE LTD. P/N D3019-1

- 7) PART IS SYMMETRICAL ABOUT CENTERLINE
- 8) MAKE PER TEMPLATE
- 9) POSSIBLE SUPPLIER: CHESTNUT RIDGE P/N 601988-99

TABLE 1					
THICKNESS/ HEIGHT	TOLERANCE		LENGTH/ DEPTH	TOLERANCE	
	(+)	(-)		(+)	(-)
0.0 - 0.50	0.06	0.06	0.00 - 6.00	0.06	0.06
0.51 - 1.00	0.13	0.06	6.01 - 12.00	0.13	0.13
1.01 - 3.00	0.13	0.06	12.01 - 24.00	0.25	0.25
3.01 +	0.19	0.13	24.01 +	0.50	0.38

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 71714
C/L 1107107



VIEW A-A
D7-1

RELEASED
2011-05-13
JND

B	UPDATE TO CURRENT STD; DRAWING REVISED IAW CHESTNUT RIDGE MFG DWG REF: NCR11-588	MB	11.05.10
A	NEW ISSUE	CP	01.05.18
REV.	DESCRIPTION	BY	DATE
DESIGN	147		
DRAWN	147		
CHECKED	147		
MFG. APPR.	147		
APPROVED	147		
DE APPR.	147		
DATE	11.05.10		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3019
TITLE BACK CUSHION
REV. B
SHEET 1 OF 1
SCALE NTS

COPYRIGHT © 2001 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS
NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO14454

Purchase Order Date 7/11/2011

PO Print Date 7/11/2011

Page Number 1 of 1

Order From :

VU-CHE001

CHESTNUT RIDGE FOAM, INC.
P.O. BOX 1331
JOHNSTOWN, PA 15907
US

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

724 537 9000

724 537 9003

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

CL 4/10/11

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3018-IP	Seat Cushion	7/22/2011 Yes	4.00 Each	FedEx PI collect	\$53.2209	\$212.88
		Special Inst:	AS PER DWG D3018 REV. B B71713				
2	D3019-IP	Back cushion	7/22/2011 Yes	4.00 Each	FedEx PI collect	\$40.0485	\$160.19
		Special Inst:	AS PER DWG D3019 REV. B B71714				
PO Total:							\$373.08

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

CL

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 7/11/2011



Chestnut Ridge
Foam, Inc.

CERTIFICATE OF CONFORMANCE

SOLD TO:
DART AEROSPACE
1270 ABERDEEN STREET
KAWKESBURY
ONTARIO, CANADA K6A1K7

PURCHASE ORDER: 14454
SALES ORDER: 41860
DATE SHIPPED: 7-21-11

"URGENT! FLAMMABILITY CERTIFICATION
ENCLOSED. PLEASE FORWARD TO
PURCHASING. DO NOT THROW AWAY!"

*I certify that the individual components comprising the part shipped
against the above-referenced purchase order meets the following
requirements:*

14 CFR 25.853(a), APPENDIX F, PART 1(a)(1)(ii), AMENDMENT 25-116

Quantity	Customer Part Number	Part Number	Material	Batch Number
1	D3019-1	601988-99	AIRFLEX 30-40	AF11026
4	D3018-1	502148-99	AIRFLEX 55-65	AF11026 AF11020

MADE IN THE U.S.A

Mark A. Brown
Technical Director

CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 13916
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : AIRFLEX
BATCH / LOT NO : AF11026
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : AFX 55-65

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME
MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : ORANGE

CONDITIONING STARTED : DATE : 6-8-11
TIME : 9:30 AM

TEST STARTED : DATE : 6-9-11
TIME : 10:50 AM

RESULTS :

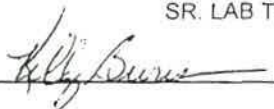
	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	6.1
#2.	0.0	0.0	6.1
#3.	0.0	0.0	6.8
AVG.	0.0	0.0	6.3

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES
SR. LAB TECHNICIAN



CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 13833
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : AIRFLEX
BATCH / LOT NO : AF11020
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : AFX 55-65

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME
MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : ORANGE

CONDITIONING STARTED : DATE : 5-2-11
TIME : 8:00 AM

TEST STARTED : DATE : 5-3-11
TIME : 8:50 AM

RESULTS :

	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	7.1
#2.	0.0	0.0	6.8
#3.	0.0	0.0	6.2
AVG.	0.0	0.0	6.7

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : BETH ULATSKY
SR. LAB TECHNICIAN



CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 13914
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : AIRFLEX
BATCH / LOT NO : AF11026
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : AFX 30-40

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME
MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : GREEN

CONDITIONING STARTED : DATE : 6-8-11
TIME : 9:30 AM

S
1108103

TEST STARTED : DATE : 6-9-11
TIME : 10:30 AM

RESULTS :

	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	5.6
#2.	0.0	0.0	6.0
#3.	0.0	0.0	6.1
AVG.	0.0	0.0	5.9

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES
SR. LAB TECHNICIAN



**CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 13556
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853**

PRODUCT: FR 4440 FABRIC
BATCH / LOT NO.: 7050
CUSTOMER: PRODUCTION
P.O. NO.:
OTHER IDENTIFICATION: SUPPLIED BY: HANES CONVERTING CO. OF CONOVER, NC
ON INVOICE #62-094027

TEST BEING RUN: VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME

MATERIAL COMPOSITION: NA

MATERIAL PATTERN: WOVEN

MATERIAL COLOR: TAN

FLAME TEMPERATURE: 1559°F

CONDITIONING STARTED: DATE: 9-20-10
TIME: 8:00 AM

TEST STARTED: DATE: 9-21-10
TIME: 8:40 AM

	FLAME TIME (SECONDS)		DRIPPINGS (SECONDS)		BURN LENGTH (INCHES)	
	WARP	FILL	WARP	FILL	WARP	FILL
#1	0.0	0.0	0.0	0.0	4.7	4.6
#2	0.0	0.0	0.0	0.0	4.5	4.5
#3	0.0	0.0	0.0	0.0	4.4	4.5
AVG.	0.0	0.0	0.0	0.0	4.5	4.5



PASS X FAIL

COMMENTS

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853, PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY: KELLY BURES
SR. LAB TECHNICIAN

Kelly Bures

COORDINATE OFFICE 500 N. McLin Creek Rd. P. O. BOX 457 CONOVER, NC 28613-0457 PHONE (828) 464-4673 FAX (828) 464-0459				INVOICE PLEASE REMIT TO: HANES ENGINEERED MATERIALS L&P FINANCIAL SERVICES CO. P. O. BOX 60984 CHARLOTTE, NC 28260
SOLD TO CHESTNUT RIDGE FOAM ROUTE 981 NORTH PO BOX 781 LA TROBE, PA 15650		SHIP TO CHESTNUT RIDGE FOAM ROUTE 981 NORTH PO BOX 781 LA TROBE, PA 15650		
INVOICE NUMBER 62-094027	INVOICE DATE 9/16/2010	TERMS NET 30	CARRIER USF HOLLAND INC	ROUTING
CUSTOMER NO 15985	CUSTOMER ORDER NO 27218	SLS MGR/SLSMAN 65 452	ORDER DATE 9/14/2010	FCR CONOVER, NC
PRODUCT NO. 30333		WIDTH 40.000	DESCRIPTION TICKING FR 4440	PUTUP PK QD CS 250 RL CC 2T
CERIFICATION: THE SELLER DOES NOT CERTIFY, EITHER IMPLICITLY OR EXPLICITLY, THESE PRODUCTS TO MEET THE REQUIREMENTS OF ANY REGULATORY AGENCY OR SPECIFICATION EXCEPT AS MAY BE CERTIFIED ABOVE OR UNDER SEPARATE WRITTEN CERTIFICATION. ALL TRANSACTIONS ARE SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS INVOICE.		USF HOLLAND INC PRD# 11305060529 		
TOTAL INVOICE AMOUNT		15985		

ORIGINAL

300 THE LAWS OF THE STATE OF NORTH CAROLINA SHALL GOVERN THIS TRANSACTION. A LATE PAYMENT CHARGE AT A PER ANNUAL RATE EQUAL TO THE PRIME RATE OF THE CHASE MANHATTAN BANK, N.A. IN EFFECT ON THE FIRST DAY OF EACH MONTH PLUS 2% ON 1% PER ANNUAL RATE. IF THE RATE IS HIGHER, IT WILL BE IMPOSED ON THE FIRST OF EACH MONTH ON ALL PAID DUE INVOICES PAID DURING THE MONTH.

TOTAL INVOICE AMOUNT